



OIPE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/051,643

DATE: 02/06/2002  
TIME: 19:13:27

Input Set : A:\1008c2 SEQLIST.txt  
Output Set: N:\CRF3\02062002\J051643.raw

Does Not Comply  
Corrected Diskette Needed

4 <110> APPLICANT: Watson, James D.  
5 Tan, Paul L. J.  
7 <120> TITLE OF INVENTION: Methods and Compounds for the Treatment  
8 of Immunologically-Mediated Diseases of the Respiratory  
9 System using Mycobacterium Vaccae  
12 <130> FILE REFERENCE: 11000.1008c2  
14 <140> CURRENT APPLICATION NUMBER: US/10/051,643  
14 <141> CURRENT FILING DATE: 2002-01-18  
14 <150> PRIOR APPLICATION NUMBER: US09/156,181  
15 <151> PRIOR FILING DATE: 1998-09-17  
17 <150> PRIOR APPLICATION NUMBER: US 08/996,624  
18 <151> PRIOR FILING DATE: 1997-12-23  
20 <160> NUMBER OF SEQ ID NOS: 208  
22 <170> SOFTWARE: FastSEQ for Windows Version 3.0

## ERRORED SEQUENCES

5021 <210> SEQ ID NO: 203  
 5022 <211> LENGTH: 187  
 5023 <212> TYPE: PRT  
 5024 <213> ORGANISM: Mycobacterium vaccae  
 5026 <220> FEATURE:  
 5027 <221> NAME/KEY: UNSURE  
 5028 <222> LOCATION: (186)...(186)  
 5030 <400> SEQUENCE: 203  
 5031 Val Ile Asp Glu Thr Leu Phe His Ala Glu Glu Lys Met Glu Lys Ala  
 5032 1 5 10 15  
 5033 Val Ser Val Ala Pro Asp Asp Leu Ala Ser Ile Arg Thr Gly Arg Ala  
 5034 20 25 30  
 5035 Asn Pro Gly Met Phe Asn Arg Ile Asn Ile Asp Tyr Tyr Gly Ala Ser  
 5036 35 40 45  
 5037 Thr Pro Ile Thr Gln Leu Ser Ser Ile Asn Val Pro Glu Ala Arg Met  
 5038 50 55 60  
 5039 Val Val Ile Lys Pro Tyr Glu Ala Ser Gln Leu Arg Leu Ile Glu Asp  
 5040 65 70 75 80  
 5041 Ala Ile Arg Asn Ser Asp Leu Gly Val Asn Pro Thr Asn Asp Gly Asn  
 5042 85 90 95  
 5043 Ile Ile Arg Val Ser Ile Pro Gln Leu Thr Glu Glu Arg Arg Asp  
 5044 100 105 110  
 5045 Leu Val Lys Gln Ala Lys Ala Lys Gly Glu Asp Ala Lys Val Ser Val  
 5046 115 120 125  
 5047 Arg Asn Ile Arg Arg Lys Ala Met Glu Glu Leu Ser Arg Ile Lys Lys

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5048        130                  135                  140  
5049 Asp Gly Asp Ala Gly Glu Asp Glu Val Thr Arg Ala Glu Lys Asp Leu  
5050        145                  150                  155                  160  
5051 Asp Lys Ser Thr His Gln Tyr Thr Asn Gln Ile Asp Glu Leu Val Lys  
5052        165                  170                  175  
W--> 5053 His Lys Glu Gly Glu Leu Leu Glu Val Xaa Pro  
E--> 5054 ~~180-185~~      | 180                  185

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Input Set : A:\1008c2 SEQLIST.txt  
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L:14 M:270 C: Current Application Number differs, Replaced Current Application No  
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:34 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:1  
L:34 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:49 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:2  
L:49 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:62 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:3  
L:62 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:88 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5  
L:88 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:101 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:6  
L:101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:128 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8  
L:128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8  
L:150 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:10  
L:150 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10  
L:167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:180 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:12  
L:180 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12  
L:193 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:13  
L:193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:208 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:14  
L:208 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14  
L:229 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15  
L:270 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18  
L:272 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18  
L:296 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:20  
L:296 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
L:309 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:21  
L:309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21  
L:351 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:25  
L:351 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25  
L:369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26  
L:371 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26  
L:396 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27  
L:431 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29  
L:1276 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56  
L:1290 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57  
L:1308 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58  
L:1369 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:63  
L:1369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63  
L:1371 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:63  
L:1371 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63  
L:1386 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:64  
L:1386 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64  
L:1405 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:65  
L:1405 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65  
L:1407 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:65

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L:1407 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65  
L:1526 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73  
L:2095 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101  
L:2108 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:102  
L:2108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:102  
L:2129 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:103  
L:2129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103  
L:2131 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:103  
L:2131 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103  
L:2153 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:105  
L:2153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105  
L:2192 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:107  
L:2192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107  
L:2266 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:111  
L:2266 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:111  
L:2295 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:112  
L:2295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:112  
L:2572 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:120  
L:2572 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:120  
L:2573 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:120  
L:2573 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:120  
L:2632 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:121  
L:2632 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:121  
L:2634 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:121  
L:2634 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:121  
L:2948 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:134  
L:2948 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:134  
L:3016 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:136  
L:3016 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:136  
L:3035 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:137  
L:3035 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:137  
L:3048 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:138  
L:3048 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:138  
L:3082 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:140  
L:3082 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:140  
L:3189 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:146  
L:3189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:146  
L:3256 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:148  
L:3279 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:149  
L:3364 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:153  
L:3403 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:154  
L:3965 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:171  
L:3966 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:171  
L:4026 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:172  
L:4028 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:172  
L:4286 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:177  
L:4566 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:185  
L:4567 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:185  
L:4607 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:186

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L:4634 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:187  
L:4687 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:191  
L:4704 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:192  
L:5053 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:203  
L:5054 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:203